

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/008157

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01M4/58 H01M8/02 C01B31/02 C01B31/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01M C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 919 589 A (KAWAKAMI ET AL) 6 July 1999 (1999-07-06) column 4, lines 52-60	1-32
A	PATENT ABSTRACTS OF JAPAN vol. 005, no. 020 (C-042), 6 February 1981 (1981-02-06) & JP 55 147561 A (ASAHI CHEM IND CO LTD), 17 November 1980 (1980-11-17) abstract	1-32
A	DATABASE WPI Section Ch, Week 197838 Derwent Publications Ltd., London, GB; Class A60, AN 1978-68031A XP002340196 & JP 53 094581 A (SINLOIHI CO LTD) 18 August 1978 (1978-08-18) abstract	1-32

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

10 August 2005

Date of mailing of the international search report

19/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

GONZALEZ-CUENCA, M

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5919589	A	06-07-1999	JP	3359220 B2	24-12-2002
			JP	9245794 A	19-09-1997
JP 55147561	A	17-11-1980	NONE		
JP 53094581	A	18-08-1978	NONE		